Amendments to the Abstract of the Disclosure

~~Reduction of cogging~~ Cogging torque and torque pulsation is reduced in ~~the~~ a rotor with permanent magnets embedded therein. In a rotating electrical machine ~~comprising~~ including a stator ~~5~~ with an armature winding wound on the stator core and a rotor ~~1~~ with permanent magnet ~~2~~ embedded in the rotor core ~~9~~, a magnetic flux short circuit preventive hole ~~3~~ radially extending from the circumferential ends of the permanent magnets ~~2 (in the vicinity of q-axis)~~, in the vicinity of the q-axis, to the vicinity of outer periphery of the rotor core is further extended toward the circumferential direction d-axis ~~(circumferential direction)~~. At the same time, the distance between the outer periphery of the magnetic flux short circuit preventive hole ~~3~~ and that of the rotor core is increased gradually in conformity to the approach to the d-axis side from the q-axis.

~~[Selected Figure] Fig. 1~~